## Direct reading—no reference to conversion charts required!

- Minimum training time required.
   Significant labor and time savings over alternative methods
- View tensions on all cables in the set, average tension and total tensile load on the back-lit display instantly. Display also features full text prompts
- Balance tensions in multiple lines in minutes
- Accommodates wide range of cable types and sizes, from <sup>3</sup>/<sub>16</sub>" to 1"
- Factory-provided 5-line display for four cables can be optionally expanded to as many as 16 cables by keypad entry and scrolling
- One set of sheaves for wire rope sizes from ½" to ¾" is included.
   Other size sheaves are optionally available
- Calibration for three wire rope sizes is included. They are for steel, ½", %16" and 5%", all 8 x 19. Calibration for up to five additional sizes or types is optionally available
- Safety improvement gained by measurement method
- Highly visible yellow finish with easy to use soft-key interface
- Powered by two standard, easilyreplaced AA batteries to provide long life between changes
- Two-year warranty

## Elevator Cable Tension Meter

Model QB-10000

Using the new QB-10000 Tension Meter, balancing the tensions on a set of cables takes minutes instead of hours and can be done by a single person, working alone, instead of two or three.

The new QB-10000 Quick Balance
Tension Meter provides a quick and easy
way to accurately measure and display all of
the elevator traction cable tensions in a set
while the tension on a single cable is being
adjusted. This makes it extremely easy to
balance the tensions of cables in a set of
elevator cables or any other multiple-line
array of tension cables, such as tower and
stack guy wires, crane rigging sets and
platform lifts, etc. The digital display also
shows the average tension of the set as
well as the total tensile load.

The QB-10000 installs easily, measures cable tension up to 10,000 lbs directly, stores readings and is removed from the cable in seconds. No lookup or reference to correction or conversion charts is required. Writing down measurements for comparison purposes is also not required.

QB-10000 is the ideal balancing tool for elevator cables and any other multi-line tension cable array.





## QB-10000 Specifi cations

Capacity Accuracy 10,000 Lbs / 45 kN / 4,500 kg

± 3% of full scale, when using cable that is calibrated for same wire rope

size and type

± 5% of full scale with same wire rope

diameter as calibrated but different

wire rope type

Number of Calibrations Three factory installed for wire rope

sizes: ½", %16", 5%" all 8 x 19

Up to 5 additional wire rope type or

sizes can be optionally provided

Loading Error Display

Cable elongation of only 0.08" (2mm) Dot graphic, backlit LCD supports full

text and 1.0" high digits

Sheave Set

Supplied with one set of sheaves for 1/4" to 3/4" wire rope. Other sheave

sets are optionally available

Environmental

Suitable for continued outdoor use

Protection Temperature

**Operating Range** 

Tension Units of Measure

Resolution

-4 °F to 140 °F (−20 °C to 60 °C)

Pound-force, kilogram force or Newtons, user-selectable

Configurable for low, medium or high

resolution



Display showing cable tension summary screen. To view a video demonstration of the QB-10000 click the button at right. Note: you must have an active internet connection to view this video.

**Click to Start** Video Demo



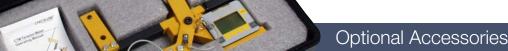
The QB-10000 Quick Balance Tension Meter is supplied as a complete kit including 10,000 lb capacity meter, fitted with 1/4" to 3/4" Sheave Set and three pre-loaded calibrations for

½" 8x19

%16" 8x19

%" 8x19

Shipped in foam-fitted, hard-plastic carrying case



QB-ADDCAL Calibration for EACH additional wire rope type or size

QB-SH-L Code L Sheave for wires from 3/16" to 1/4"

QB-SH-P Code P Sheave for wires from 3/16" to 1/2"

QB-SH-T Code T Sheave for wires from 1/2" to 1"

